
WEEKLY HARDWARE MEETING

ESHITA KUMAR

8TH AUGUST, 2024



LMU

LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN

Cosmic Ray Facility



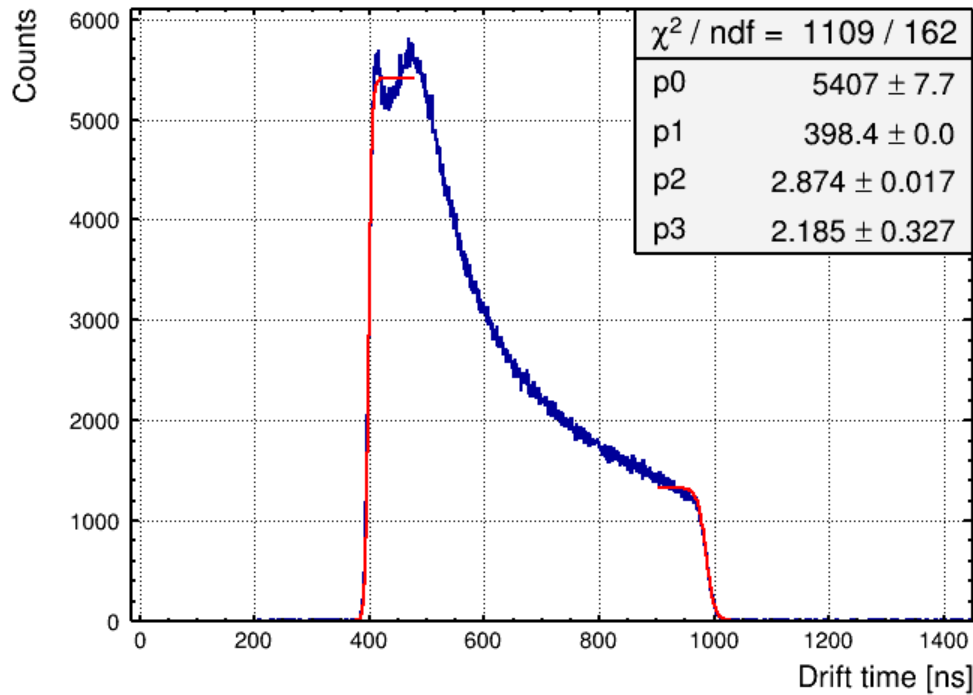
Scintillators

MDT chamber 1

MDT chamber 2

Scintillators

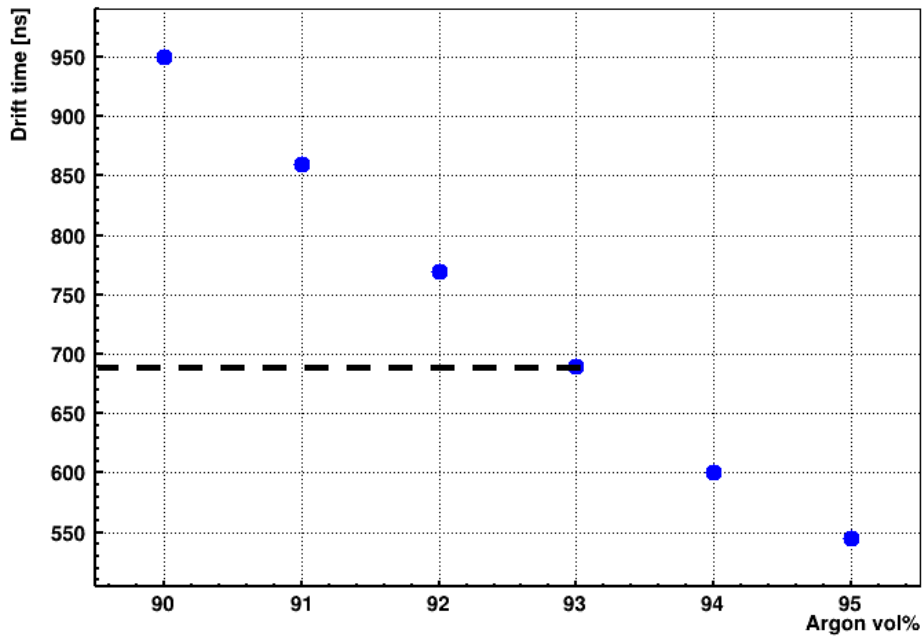
Fitted Drift-time plots



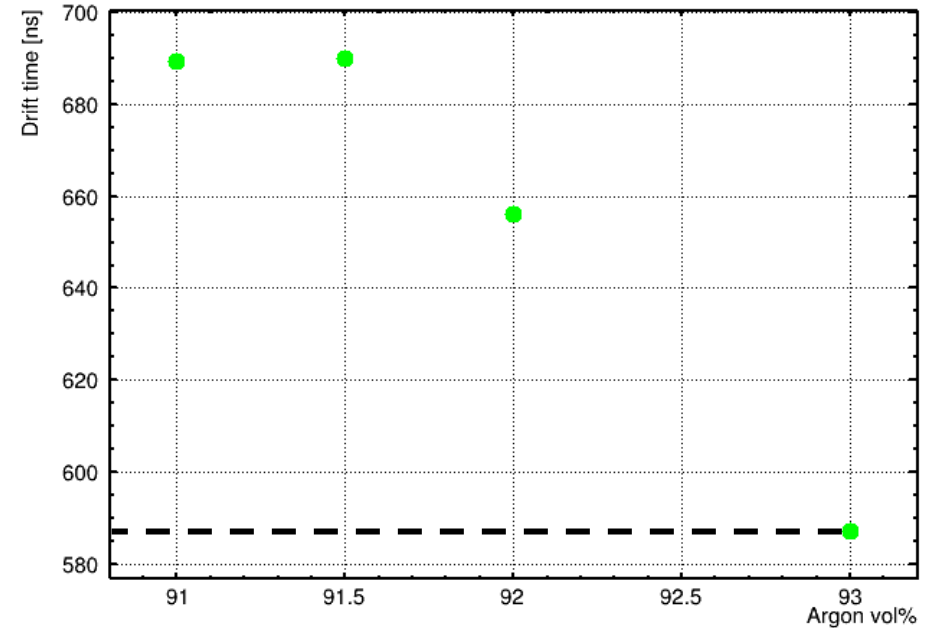
- Ar:CO₂ in 93:7 (vol%)
- Tube diameter ~ 3 mm
 - HV of 3080 V

Comparison of Gas Mixtures with Simulation

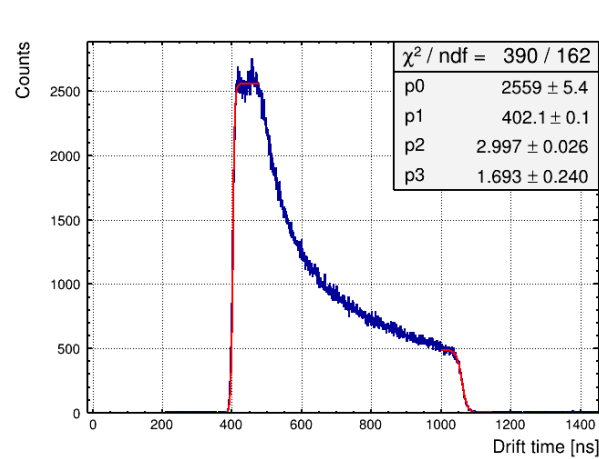
Simulation (from Nicola Tyler)



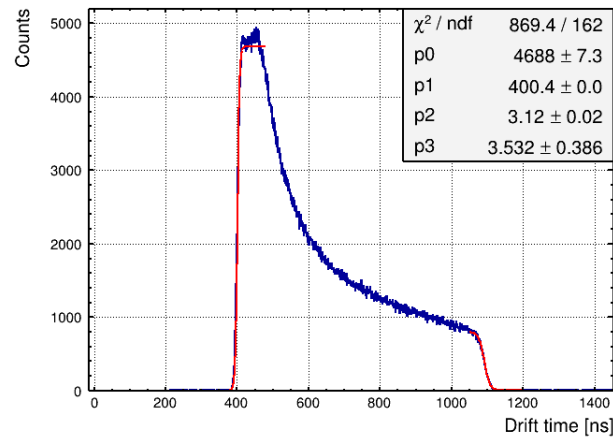
Measurement



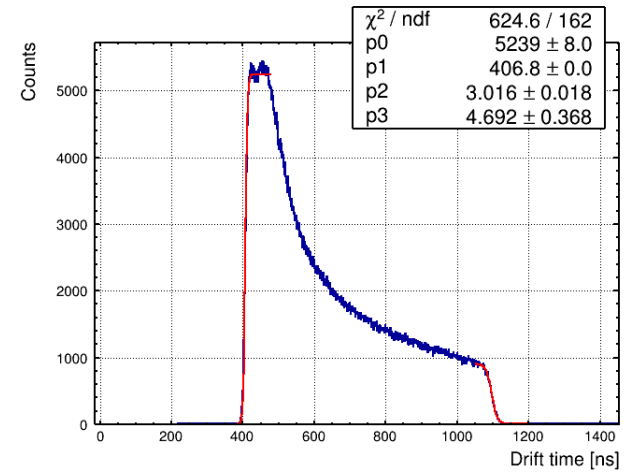
Back up



Ar:CO2 in 92:8 vol%



Ar:CO2 in 91.5:8.5 vol%



Ar:CO2 in 91:9 vol%

Old CRF Electronics Setup

